

WHAT IS CLAIMED IS:

1. An image transmission device comprising:
  - a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system;
  - a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system;
  - a selecting unit configured to select the first transmitting unit or the second transmitting unit;
  - a class information storing unit to store the class information indicating whether a terminal corresponding to a mail address is in accordance with the Internet facsimile system or not in association with this mail address; and
  - a first informing unit configured to inform the confirmation result of the transmitting unit, which is selected by the selecting unit on the basis of the class information stored in the class information storing unit in association with the mail address designated as a transmission destination.

2. The image transmission device according to claim 1,

wherein the first informing unit is configured to inform the confirmation result of the designation of

the transmitting unit which is selected by the selecting unit, when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is in accordance with the Internet facsimile system when the second transmitting unit is selected by the selecting unit.

3. The image transmission device according to  
10 claim 1,

wherein the first informing unit is configured to inform the confirmation result of the designation of the transmitting unit which is selected by the selecting unit, when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is in accordance with the Internet facsimile system when the second transmitting unit is selected by the selecting unit and when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is not in accordance with the Internet facsimile system when the first transmitting unit is selected by the selecting unit.

4. The image transmission device according to

claim 1,

wherein the first informing unit is configured not to inform the confirmation result of the designation of the transmitting unit which is selected by the selecting unit, when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is not in accordance with the Internet facsimile system when the first transmitting unit is selected by the selecting unit.

5. The image transmission device according to claim 1, further comprising:

15 a mail receiving unit configured to receive an electronic mail; and

20 a class information generating unit configured to store the class information in the class information storing unit in association with a mail address of a transmitter on the basis of a file format of an image file which is attached to the electronic mail received by the mail receiving unit.

6. The image transmission device according to claim 5,

25 wherein the class information generating unit is configured to store the class information when the mail address of the transmitter does not exist in the class information storing unit.

7. The image transmission device according to  
claim 1,

5 wherein the inputted class information is  
configured to be stored in the class information  
storing unit.

8. The image transmission device according to  
claim 5,

10 wherein the class information generating unit is  
configured to store the class information indicating  
that a terminal corresponding to a mail address is in  
accordance with the Internet facsimile system if an  
image file is attached to an electronic mail received  
by the mail receiving unit and a file format of the  
image file attached thereto is defined by the Internet  
15 facsimile system, and it stores the class information  
indicating that a terminal corresponding to a mail  
address is not in accordance with the Internet  
facsimile system if a file format of the image file  
attached thereto is different from the file format  
defined by the Internet facsimile system, respectively,  
20 in the class information storing unit in association  
with the mail address of the transmitter of the  
electronic mail which is received by the mail receiving  
unit.

25 9. The image transmission device according to  
claim 1, further comprising:

a mode selecting unit configured to select a first

mode which requires a transmission destination terminal to return a response of an electronic mail and a second mode which does not require a transmission destination terminal to return a response of an electronic mail;

5 and

10 a second informing unit configured to inform the confirmation result of the designation of the mode when the transmitting unit selected by the selecting unit and a mode selected by the mode selecting unit are not complied with each other.

15 10. The image transmission device according to claim 9,

20 wherein the second informing unit is configured to prompt the user to check the mode setting when the designation of the mode serves to designate the selection of the second mode despite the designation of the system after alternating the transmitting unit to be selected serves to designate the selection of the first transmitting unit, and when the designation of the mode serves to designate the selection of the first mode despite the designation of the method after alternating the transmitting unit to be selected serves to designate the selection of the second transmitting unit when the alternation of the transmitting unit to be selected depending on the informing operation by the first informing unit is designated by the user.

25 11. The image transmission device according to

claim 1, further comprising:

5 a mode selecting unit configured to select a first mode which requires a transmission destination terminal to return a response of an electronic mail and a second mode which does not require a transmission destination terminal to return a response of an electronic mail; and

10 a mode setting unit configured to set a first mode when the first transmitting unit is selected by the designation of the system after alternating the transmitting unit to be selected and it sets a second mode when the second transmitting unit is selected by the designation of the system after alternating the transmitting unit to be selected when the alternation 15 of the transmitting unit to be selected depending on the informing operation by the first informing unit is designated by the user.

12. An image transmission device comprising:

20 a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system;

25 a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system;

a selecting unit configured to select the first

transmitting unit or the second transmitting unit;

5 a mode selecting unit configured to select a first mode which requires a transmission destination terminal to return a response of an electronic mail and a second mode which does not require a transmission destination terminal to return a response of an electronic mail;

10 a class information storing unit to store the class information indicating whether a terminal corresponding to a mail address is in accordance with the Internet facsimile system or not in association with this mail address;

15 a first informing unit configured to inform the confirmation result of the transmitting unit, which is selected by the selecting unit on the basis of the class information stored in the class information storing unit in association with the mail address designated as a transmission destination; and

20 a second informing unit configured to inform the confirmation result of the designation of the mode when the transmitting unit selected by the selecting unit and a mode selected by the mode selecting unit are not complied with each other.

13. The image transmission device according to claim 12, further comprising:

25 a mail receiving unit configured to receive an electronic mail; and

a class information generating unit configured to

store the class information in the class information  
storing unit in association with a mail address of a  
transmitter on the basis of a file format of an image  
file which is attached to the electronic mail received  
5 by the mail receiving unit.

14. The image transmission device according to  
claim 13,

wherein the class information generating unit is  
10 configured to store the class information when the mail  
address of the transmission destination of the  
electronic mail does not exist in the class information  
storing unit.

15. The image transmission device according to  
claim 11,

15 wherein the inputted class information is  
configured to be stored in the class information  
storing unit.

16. An image transmission device comprising:  
first transmitting means for transmitting an  
20 electronic mail which is attached with an image file in  
a file format defined by an Internet facsimile system;  
second transmitting means for transmitting an  
electronic mail which is attached with an image file in  
a file format different from the file format defined by  
25 the Internet facsimile system;  
selecting means for selecting the first  
transmitting means or the second transmitting means;

class information storing means for storing the  
class information indicating whether a terminal  
corresponding to a mail address is in accordance with  
the Internet facsimile system or not in association  
5 with this mail address; and

first informing means for informing the  
confirmation result of the transmitting unit, which is  
selected by the selecting means on the basis of the  
10 class information stored in the class information  
storing means in association with the mail address  
designated as a transmission destination.

17. An informing method of an image transmission  
device comprising:

selecting a first transmitting unit configured to  
15 transmit an electronic mail which is attached with an  
image file in a file format defined by an Internet  
facsimile system or selecting a second transmitting  
unit configured to transmit an electronic mail which is  
attached with an image file in a file format different  
20 from the file format defined by the Internet facsimile  
system; and

informing the confirmation result of the  
designation of the transmitting unit which is selected,  
when the class information stored in the class  
25 information storing unit in association with the mail  
address designated as a transmission destination  
indicates that the terminal corresponding to this mail

address is in accordance with the Internet facsimile system when the second transmitting unit is selected.

18. An informing method of an image transmission device comprising:

5        selecting a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system or selecting a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system; and

10        informing the confirmation result of the designation of the transmitting unit which is selected, 15        when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is in accordance with the Internet facsimile system when the second transmitting unit is selected 20        and when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is not in accordance with the Internet 25        facsimile system when the first transmitting unit is selected.

19. A digital complex machine comprising:

an image reading unit configured to read the image data;

5 a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system;

10 a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system;

15 a selecting unit configured to select the first transmitting unit or the second transmitting unit;

a class information storing unit to store the class information indicating whether a terminal corresponding to a mail address is in accordance with the Internet facsimile system or not in association with this mail address;

20 a first informing unit configured to inform the confirmation result of the transmitting unit, which is selected by the selecting unit on the basis of the class information stored in the class information storing unit in association with the mail address designated as a transmission destination; and

25 a printing unit configured to print the confirmation result of the transmitting unit.